Fishery Management Plan for the Commercial Black Rockfish Fisheries in the Westward Region, 2005

by

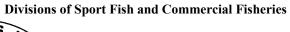
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June 2005

Alaska Department of Fish and Game





Symbols and Abbreviations

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Weights and measures (metric)		General		Measures (fisheries)	
centimeter	cm	Alaska Administrative		fork length	FL
deciliter	dL	Code	AAC	mideye-to-fork	MEF
gram	g	all commonly accepted		mideye-to-tail-fork	METF
hectare	ha	abbreviations	e.g., Mr., Mrs.,	standard length	SL
kilogram	kg		AM, PM, etc.	total length	TL
		all commonly accepted			
liter	L	professional titles	e.g., Dr., Ph.D.,	Mathematics, statistics	
meter	m		R.N., etc.	all standard mathematical	
milliliter	mL	at	@	signs, symbols and	
millimeter	mm	compass directions:		abbreviations	
		east	Е	alternate hypothesis	H_A
Weights and measures (English)		north	N	base of natural logarithm	e
cubic feet per second	ft ³ /s	south	S	catch per unit effort	CPUE
foot	ft	west	W	coefficient of variation	CV
gallon	gal	copyright	©	common test statistics	$(F, t, \chi^2, etc.)$
inch	in	corporate suffixes:		confidence interval	CI
mile	mi	Company	Co.	correlation coefficient	
nautical mile	nmi	Corporation	Corp.	(multiple)	R
ounce	OZ	Incorporated	Inc.	correlation coefficient	
pound	lb	Limited	Ltd.	(simple)	r
quart	qt	District of Columbia	D.C.	covariance	cov
yard	yd	et alii (and others)	et al.	degree (angular) °	
•	•	et cetera (and so forth)	etc.	degrees of freedom	df
Time and temperature		exempli gratia		expected value	E
day	d	(for example)	e.g.	greater than	>
degrees Celsius	°C	Federal Information		greater than or equal to	≥
degrees Fahrenheit	°F	Code	FIC	harvest per unit effort	HPUE
degrees kelvin	K	id est (that is)	i.e.	less than	<
hour	h	latitude or longitude	lat. or long.	less than or equal to	≤
minute	min	monetary symbols		logarithm (natural)	ln
second	S	(U.S.)	\$, ¢	logarithm (base 10)	log
		months (tables and		logarithm (specify base)	log ₂ , etc.
Physics and chemistry		figures): first three		minute (angular)	,
all atomic symbols		letters	Jan,,Dec	not significant	NS
alternating current	AC	registered trademark	R	null hypothesis	H_{O}
ampere	A	trademark	TM	percent	%
calorie	cal	United States		probability	P
direct current	DC	(adjective)	U.S.	probability of a type I error	
hertz	Hz	United States of		(rejection of the null	
horsepower	hp	America (noun)	USA	hypothesis when true)	α
hydrogen ion activity	pН	U.S.C.	United States	probability of a type II error	
(negative log of)	_		Code	(acceptance of the null	
parts per million	ppm	U.S. state	use two-letter	hypothesis when false)	β
parts per thousand	ppt,		abbreviations (e.g., AK, WA)	second (angular)	"
-	% 0		(v.g., 1111, W11)	standard deviation	SD
volts	V			standard error	SE
watts	W			variance	
				population	Var
				sample	var

FISHERY MANAGEMENT REPORT NO. 05-37

FISHERY MANAGEMENT PLAN FOR THE COMMERCIAL BLACK ROCKFISH FISHERIES IN THE WESTWARD REGION, 2005

by

Lynn A. Mattes and Barbi Failor-Rounds Division of Commercial Fisheries, Kodiak

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June 2005

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ABSTRACT

This fishery management plan provides information regarding the regulations governing the black rockfish *Sebastes melanops* commercial fisheries in Kodiak, Chignik, South Alaska Peninsula, and the Aleutian Islands. Detailed descriptions of each management area, districts, and sections are given. Particular emphasis is placed on regulations recently adopted by the Alaska Board of Fisheries (BOF) in their 2004/05 meeting. Black rockfish are managed exclusively by the State of Alaska from shore to the 200 nautical mile boundary of the Exclusive Economic Zone (EEZ) except in the Aleutian Islands District where the State of Alaska retains management authority only from shore to the three nautical mile boundary.

This report briefly describes the history of the black rockfish fisheries, participation, harvest data, guideline harvest levels (GHLs), registration requirements and restrictions, trip limits, and additional requirements for participation in the commercial fisheries for this species. Details on the fisheries and specific regulations for each management area is provided. This management plan serves as a supplement to the Alaska Statutes (AS) and Alaska Administrative Codes (AAC) for the commercial groundfish fishing regulations for black rockfish.

Key words: Black Rockfish, *Sebastes melanops*, Kodiak, Chignik, South Alaska Peninsula, Aleutian Islands, harvest strategy, regulations, Westward Region

INTRODUCTION

Black rockfish *Sebastes melanops* were of low market interest and generally not harvested in the Westward Region of Alaska until 1990. The catch in the Kodiak area jumped from 66,703 pounds (30 mt) in 1990 to 868,560 pounds (393 mt) in 1991 as operators fished on populations that had only been lightly exploited before this time (Table 1). Stocks along the south side of the Alaska Peninsula were initially targeted in 1995 (Tables 2 & 3). Fishers worked in areas near the port of Sand Point and east to Mitrofania Island. The highest catch was in 1996 with over 366,000 pounds (166 mt) combined from the Chignik and South Alaska Peninsula Registration Areas. While initially there was high interest in the creation of the Aleutian Islands Registration Area state-waters fishery, effort and harvest since its inception have been sporadic and variable. Total harvest since 1995 is approximately 222,800 (101 mt) pounds (Table 4).

The black rockfish fisheries were managed by the National Marine Fisheries Service (NMFS) prior to 1997. Black rockfish were part of the pelagic shelf rockfish group that included dusky *S. ciliatus*, yellowtail *S. flavidus*, and widow *S. entomelas* rockfish. The Alaska Department of Fish and Game (ADF&G) submitted a Fisheries Management Plan amendment to the North Pacific Fisheries Management Council (NPFMC) that would relinquish black rockfish management within state waters and the Exclusive Economic Zone (EEZ) in the Gulf of Alaska to the state. This amendment was passed and implemented effective April 5, 1998. As an interim measure, the NPFMC separated black rockfish from the pelagic shelf group in 1997. This enabled federal fishery managers to place a 573,201 pound (260 mt) Acceptable Biological Catch (ABC) on black rockfish in the Central Gulf. The ABC was based on the council's Tier 6 guidelines, which apply to fisheries with little stock assessment information. Harvest limits were set at 75% of average production from 1978-1995.

In 1998, the Kodiak Registration Area was subdivided into seven districts with individual directed GHLs (Figure 1). The areas were loosely based on existing Tanner crab management sections modified to divide the area into districts that equally divided the highest effort. In 2002, these districts were adopted into regulation for the Kodiak and Chignik Registration Areas. Table 5 summarizes GHLs, harvest and closure dates for the Kodiak, Chignik and South Alaska Peninsula Registration Areas by district from 2001-2004. In 2005 the South Alaska Peninsula

Registration Area, Eastern District was also divided into three sections in an effort to distribute harvest throughout the district. In 2000, the Akutan and Unalaska Sections (Figure 2) of the Aleutian Island District (Figure 3) were divided into subsections, each with a separate GHL to disperse fishing effort. GHLs were based on potential black rockfish habitat as determined by the amount of coastline.

Additional measures adopted at the 2002 Board of Fisheries (BOF) meeting included: requirements for black rockfish vessel registration in the Kodiak, Chignik, and South Alaska Peninsula Registration Areas, maximum trip limits of 5,000 pounds in a five day period for the Kodiak Registration Area, and designating the Chignik Registration Area as a superexclusive registration area for black rockfish. The BOF also adopted a logbook requirement for black rockfish in the Westward Region (Appendix A). A summary of regulations by registration area can be found in Table 6.

REGULATIONS

KODIAK REGISTRATION AREA

Description of the Kodiak Registration Area

The Kodiak Registration Area (Registration Area K) for black rockfish consists of all waters of Alaska south of a line extending east from Cape Douglas (58° 51.10′ N lat.), west of 149° W long., north of 55° 30.00′ N lat., and east of a line extending south from the southern entrance of Imuya Bay near Kilokak Rocks (156° 20.22′ W long.) (Figure 1). The area is further subdivided into seven districts. The district descriptions can be found at 5 AAC 28.404 on page 106 of the 2003/04 groundfish fishery regulation booklet.

Fishing Season in the Kodiak Registration Area

The commercial black rockfish fishery opens in all districts on January 1, 2005. The fishery will remain open until December 31, 2005 or until GHLs are attained. Black rockfish harvests are monitored through fish ticket records, processor reports and dockside sampling of commercial catches. The department may close districts or partial districts before reaching the GHL if fishery performance indicates localized depletion, reduced stock size, or harvest of immature fish. Area or partial area closures will be announced via news release, relayed to processors and local radio stations, faxed to the National Weather Service to be read following daily weather reports (VHF channel 10) and placed on the ADF&G recorded information message telephone (907-486-4559).

Permit Requirements and Legal Gear for the Kodiak Registration Area

A valid 2005 Commercial Fisheries Entry Commission (CFEC) interim-use permit is required for participation in the black rockfish fishery. The commercial fishery is open access and any person may purchase a permit and participate. Hand troll and mechanical jig gears are the only legal gear types for the taking of black rockfish in a directed commercial fishery. These gear types are in regulation 5 AAC 28.430 (e). Additionally, mechanical jig machines used to take black rockfish may have no more than five lines with no more than 30 hooks per line or have a single continuous line with not more than 150 hooks. Effective April 9, 2005, vessel operators registered to use jig gear will be limited to a total of 250 hooks onboard their vessels; however, only 150 hooks may be deployed. A miscellaneous finfish card, M05B for hand troll or M26B for mechanical jig is required to be in possession prior to registration. Permits are available for

purchase directly from CFEC in Juneau: http://www.cfec.state.ak.us/mnuaf.htm or by calling (907) 786-6150.

Registration Requirements in the Kodiak Registration Area

A black rockfish vessel registration is required for all directed fishery participants in the Kodiak Registration Area. Registrations must be obtained before beginning fishing operations. Effective April 9, jig vessel operators registered for a groundfish fishery, other than a directed black rockfish fishery in the Kodiak Registration Area and retaining more than 5% bycatch of black rockfish, will be allowed to simultaneously register for a rockfish district to <u>incidentally</u> harvest up to 2,500 pounds of black rockfish per landing with a 5-day possession and landing limit of 5,000 pounds. Vessel operators changing from incidental harvest of black rockfish to directed harvest of black rockfish must deliver their catch and change their district registration in person at the ADF&G Kodiak office.

Vessel operators must register for a management district for both directed and incidental black rockfish harvest. Vessel operators are required to check into and check out of individual Kodiak districts by contacting the Kodiak office by phone or in person during regular office hours (M-F: 8:00 AM-12:00 Noon, 1:00–4:30 PM). Vessel operators changing registration from Pacific cod to directed black rockfish or directed black rockfish to Pacific cod must do so in person.

While a vessel is registered for black rockfish, that vessel may not target other species and may retain only the maximum allowed bycatch percentage of other groundfish. Lingcod *Ophidon elongatus* may be retained as bycatch, up to 20% by weight of the directed harvest, only from July 1 until December 31. Unless otherwise specified, the maximum bycatch limit for any species of groundfish is 20% by weight of the directed groundfish species and directed halibut on board the vessel. In state waters (0-3 nmi), ADF&G mirrors the NMFS maximum retainable bycatch percentages applicable in the EEZ (3-200 nmi). Retainable bycatch percentages are subject to change and may differ between species. Updated retainable bycatch percentages can be found on the NMFS Alaska Region website: http://www.fakr.noaa.gov/. A copy of the 2005 black rockfish registration can be found in Appendix B.

Vessel operators will be issued a black rockfish logbook at registration. Vessel operators are required to fill out the ADF&G issued logbook daily (Appendix A) and to submit the logbook with the fish ticket at the time of delivery for each black rockfish trip.

District Guideline Harvest Levels (GHLs) Within the Kodiak Registration Area:

District	2005 Guideline Harvest Level
Afognak	35,000 pounds
Northeast	20,000 pounds
Eastside	30,000 pounds
Southeast	30,000 pounds
Southwest	20,000 pounds
Westside	20,000 pounds
Mainland	20,000 pounds

Kodiak Trip Limits

A vessel registered to participate in the directed Kodiak black rockfish fishery may not have on board or sell more than 5,000 pounds (round weight) of black rockfish within a five-day period (5 AAC 28.472). Black rockfish in excess of 5,000 pounds must be weighed, sold, and reported on an ADF&G fish ticket with all proceeds from the overage surrendered to the State of Alaska. Effective April 9, 2005, vessel operators registered for other groundfish jig fisheries in the Kodiak Registration Area will be allowed to simultaneously register for a rockfish district to incidentally harvest up to 2,500 pounds of black rockfish per landing with a 5-day possession and landing limit of 5,000 pounds.

Closed Waters Within the Kodiak Registration Area

The waters of Monashka Bay inside of a line from Termination Point to Miller Point are closed to the commercial take of all rockfish, genus *Sebastes*. Monashka Bay is a rearing area for juvenile rockfish. Additionally, closures exist around Steller sea lion *E. jubatus* rookeries at Marmot and Chirikof Islands. Additional information on sea lion closures can be found on the NMFS website: http://www.fakr.noaa.gov/sustainablefisheries/2003hrvstspecssl.htm.

Landing Requirements for the Kodiak Registration Area

Following the closure of any directed or incidental fishery for black rockfish in the Kodiak Registration Area, a vessel participating in that fishery may not have that species of groundfish onboard after 48 hours. There two are exceptions. The first is if the species has been designated as bycatch in another directed fishery and the amount onboard is within the specified limit. The second is if the vessel has been delayed due to extraordinary circumstances beyond the control of the vessel operator and has contacted a local representative of the department within 48 hours following the closure of the season and has been granted additional time to reach the port of landing. Under the latter scenario, the vessel must have immediately departed the fishing grounds at the time of the closure.

CHIGNIK REGISTRATION AREA

Description of the Chignik Registration Area

The Chignik Registration Area (Registration Area L) for black rockfish consists of all waters on the south side of the Alaska Peninsula enclosed by 156° 20.22′ W long. (the longitude of the southern entrance to Imuya Bay near Kilokak Rocks) and a line extending 135° southeast from Kupreanof Point (55° 33.98′ N lat., 159° 35.88′ W long.; Figure 1). In 2001, the BOF adopted three districts for groundfish in the Chignik Registration Area. These districts are listed under 5 AAC 28.505.

Fishing Season in the Chignik Registration Area

The commercial black rockfish fishery opens in all districts on January 1, 2005. The fishery will remain open until December 31, 2005 or until GHLs are attained. Black rockfish harvests are monitored through fish ticket records, processor reports and dockside sampling of commercial catches. The department may close districts or partial districts before reaching the GHL if fishery performance indicates localized depletion, reduced stock size, or harvest of immature fish. Area or partial area closures will be announced via news release, relayed to processors and local radio stations and placed on the ADF&G recorded information message telephone in Kodiak (907-486-4559).

Permit Requirements and Legal Gear for the Chignik Registration Area

A valid 2005 CFEC interim-use permit is required for participation in the black rockfish fishery. The commercial fishery is open access and any person may purchase a permit and participate. Hand troll and mechanical jig gears are the only legal gear types for the taking of black rockfish in a directed commercial fishery. These gear types are in regulation 5 AAC 28.530 (d). Additionally, mechanical jig machines used to take black rockfish may have no more than five lines with no more than 30 hooks per line or have a single continuous line with not more than 150 hooks. A miscellaneous finfish card, M05B for hand troll or M26B for mechanical jig, is required to be in possession prior to registration. Permits are available for purchase directly from CFEC in Juneau: http://www.cfec.state.ak.us/mnuaf.htm or by calling (907) 786-6150.

Registration Requirements in the Chignik Registration Area

A superexclusive black rockfish registration is required for all directed fishery participants in the Chignik Registration Area fishery. Once ADF&G validates the superexclusive registration, the participant is prohibited from participating in any other black rockfish fishery. Signing the registration validates the registration. Vessels may be registered for multiple groundfish fisheries simultaneously in the Chignik Registration Area, including the state-waters Pacific cod fishery. In state waters (0-3 nmi) ADF&G mirrors the NMFS maximum retainable bycatch percentages applicable to the EEZ (3-200 nmi). Lingcod may be retained as bycatch, up to 20% by weight of the directed harvest, only from July 1 until December 31. Updated retainable bycatch percentages can be found on the NMFS Alaska Region website: http://www.fakr.noaa.gov/. A copy of the 2005 superexclusive black rockfish registration can be found in Appendix C.

Vessel operators will be issued a black rockfish logbook at registration. Vessel operators are required to fill out the ADF&G issued logbook daily (Appendix A) and to submit the logbook with the fish ticket at the time of delivery for each black rockfish trip.

District Guideline Harvest Levels (GHLs) Within the Chignik Registration Area

The GHL for the Chignik Registration Area is 100,000 pounds. The fishery will be managed so that no more than 45,000 pounds are harvested from any one district.

Trip Limits

There are no trip limits in the Chignik Registration Area black rockfish fishery.

Closed Waters Within the Chignik Registration Area

Waters in the vicinity of Steller sea lion rookery on Chowiet Island are closed to all commercial fishing activity. Additional information on sea lion closures can be found on the NMFS website: http://www.fakr.noaa.gov/sustainablefisheries/2003hrvstspecssl.htm.

Landing Requirements for the Chignik Registration Area

Following the closure of any directed fishery in the Chignik Registration Area, a vessel participating in that fishery may not have that species of groundfish onboard after 48 hours. There two are exceptions. The first is if the species has been designated as bycatch in another directed fishery and the amount onboard is within the specified limit. The second is if the vessel has been delayed due to extraordinary circumstances beyond the control of the vessel operator and has contacted a local representative of the department within 48 hours following the closure of the season and has been granted additional time to reach the port of landing. Under the latter

scenario, the vessel must have immediately departed the fishing grounds at the time of the closure.

SOUTH ALASKA PENINSULA REGISTRATION AREA, EASTERN DISTRICT Description of the South Alaska Peninsula Registration Area, Eastern District

The South Alaska Peninsula Registration Area consists of all waters of Alaska in the Pacific Ocean between a line extending 135° southeast from Kupreanof Point (55° 33.98′ N Lat., 159° 35.88′ W Long.) and 170° W Long., including those waters south of the latitude of Nichols Point near False Pass (Figure 1). The Eastern District for rockfish fisheries consists of all waters of the South Alaska Peninsula Registration Area east of the longitude of the Scotch Cap Light (164° 44′ W long).

Fishing Season in the South Alaska Peninsula Registration Area, Eastern District

The commercial black rockfish fishery opens in the area on January 1, 2005. The fishery will remain open until December 31, 2005 or until GHLs are attained. Black rockfish harvests are monitored through fish ticket records, processor reports and dockside sampling of commercial catches. The department may close the district or individual sections before reaching the GHL if fishery performance indicates localized depletion, reduced stock size, or harvest of immature fish. Area or partial area closures will be announced via news release, relayed to processors and local radio stations, and placed on the ADF&G recorded information message telephone in Kodiak (907-486-4559).

Permit Requirements and Legal Gear for the South Alaska Peninsula Registration Area, Eastern District

A valid 2005 CFEC interim-use permit is required for participation in the black rockfish fishery. The commercial fishery is open access and any person may purchase a permit and participate. Hand troll and mechanical jig gears are the only legal gear types or the taking of black rockfish in a directed commercial fishery. These gear types are in regulation at 5 AAC 28.570 (d). Additionally, mechanical jig machines used to take black rockfish may have no more than five lines with no more than 30 hooks per line or have a single continuous line with not more than 150 hooks. A miscellaneous finfish card, M05B for hand troll or M26B for mechanical jig, is required to be in possession prior to registration. Permits are available for purchase directly from CFEC in Juneau: http://www.cfec.state.ak.us/mnuaf.htm or by calling (907) 786-6150.

Registrations Requirements for the South Alaska Peninsula Area, Eastern District

A black rockfish registration is required for all directed fishery participants in the South Alaska Peninsula Registration Area fishery. Registrations must be obtained before beginning fishing operations. Vessels may be registered for multiple groundfish fisheries simultaneously in the South Alaska Peninsula Registration Area, including the state-waters Pacific cod fishery. In state waters (0-3 nmi), ADF&G mirrors the NMFS maximum retainable bycatch percentages applicable to the EEZ (3-200 nmi). Lingcod may be retained as bycatch, up to 20% by weight of the directed harvest, only from July 1 until December 31. Bycatch percentages can be found on the NMFS Alaska Region website: http://www.fakr.noaa.gov/. A copy of the 2005 black rockfish registration can be found in Appendix B.

Vessel operators will be issued a black rockfish logbook at registration. Vessel operators are required to fill out the ADF&G issued logbook daily (Appendix A) and to submit the logbook with the fish ticket at the time of delivery for each black rockfish trip.

Section Guideline Harvest Levels (GHLs) Within the South Alaska Peninsula Area, Eastern District

The GHL for the South Alaska Peninsula Registration Area, Eastern District is 100,000 pounds. The fishery will be managed so that no more than 45,000 pounds are harvested from any Eastern District section.

Trip Limits

There are no trip limits for the South Alaska Peninsula Registration Area, Eastern District.

Closed Waters Within the South Alaska Peninsula Registration Area, Eastern District

Waters in the vicinity of Stellar sea lion rookeries on Clubbing Rocks North, Clubbing Rocks South, Atkins Island, Chernabura Island and Pinnacle Rock are closed to all commercial fishing activity. Additional information on sea lion closures can be found on the NMFS website: http://www.fakr.noaa.gov/sustainablefisheries/2003hrvstspecssl.htm.

Landing Requirements for the South Alaska Peninsula Registration Area, Eastern District

Following the closure of any directed fishery in the South Alaska Peninsula Registration Area, a vessel participating in that fishery may not have that species of groundfish onboard after 48 hours. There two are exceptions. The first is if the species has been designated as bycatch in another directed fishery and the amount onboard is within the specified limit. The second is if the vessel has been delayed due to extraordinary circumstances beyond the control of the vessel operator and has contacted a local representative of the department within 48 hours following the closure of the season and has been granted additional time to reach the port of landing. Under the latter scenario, the vessel must have immediately departed the fishing grounds at the time of the closure.

ALEUTIAN ISLANDS

Description of the Aleutian Islands District and the South Alaska Peninsula Registration Area, Western District

State waters of the Aleutian Islands District and the Western District of the South Alaska Peninsula Registration Area are managed jointly for black rockfish (Figure 3). This area (the portion of Registration Areas O and M described in 5 AAC 28.555(2)) for black rockfish consists of all waters of Alaska south of a line extending west from Cape Sarichef (54° 36′ N lat.) and west of a line extending south from Scotch Cap Light (164° 44′ W long.). The area is divided into three sections; two of which are further divided into a total of nine subsections (Figure 2). For vessel registration and management purposes, these areas will be collectively referred to as the Aleutian Islands black rockfish fishery.

Fishing Season in the Aleutian Islands

The commercial black rockfish fishery opens in all sections on January 1, 2005. The fishery will remain open until December 31, 2005 or until GHLs are attained. Black rockfish harvests are

monitored through fish ticket records, processor reports and dockside sampling of commercial catches. The department may close areas based on achievement of the GHL or before reaching the GHL if fishery performance indicates localized depletion, reduced stock size, or harvest of immature fish. Area or partial area closures will be announced via news release, relayed to processors and local radio stations, and placed on the ADF&G recorded information message telephone in Dutch Harbor (907-581-2122).

Permit Requirements and Legal Gear for the Aleutian Islands

A valid 2005 CFEC interim-use permit is required for participation in the black rockfish fishery. The commercial fishery remains open access and any person with a validly licensed commercial vessel may purchase a permit and participate. Hand troll and mechanical jig gears are the only legal gear types for the taking of black rockfish in a directed commercial fishery. These gear types are in regulation at 5 AAC 28.629 (f). A miscellaneous finfish card, M05B for hand troll or M26B for mechanical jig, is required to be in possession prior to registration. Permits are available for purchase directly from CFEC in Juneau: http://www.cfec.state.ak.us/mnuaf.htm or by calling (907) 786-6150.

Registration Requirements in the Aleutian Islands

A black rockfish vessel registration is required for all directed fishery participants in the Aleutian Islands fishery. Registrations must be obtained before beginning fishing operations. Vessels may be registered for multiple groundfish fisheries simultaneously in the Aleutian Islands, including the state-waters Pacific cod fishery. In state waters (0-3 nmi), ADF&G mirrors the NMFS maximum retainable bycatch percentages applicable to the EEZ (3-200 nmi). Retainable bycatch percentages are subject to change and may differ between species. Updated retainable bycatch percentages can be found on the NMFS Alaska Region website: http://www.fakr.noaa.gov/. A copy of the 2005 Aleutian Islands Registration Area black rockfish registration can be found in Appendix D.

Vessel operators will be issued a black rockfish logbook at registration. Vessel operators are required to fill out the ADF&G issued logbook daily (Appendix A) and to submit the logbook with the fish ticket at the time of delivery for each black rockfish trip.

Vessel Length Restrictions

A person may not use a vessel that is longer than 60 feet in overall length to take Pacific cod or rockfish in the waters of Sitkin Sound or the surrounding waters described in 5 AAC 28.690 (a). In this instance, overall length means the straight-line distance between extremities of the vessel, excluding anchor rollers.

Section Guideline Harvest Levels (GHLs) in the Aleutian Islands:

Akutan Section			
	Akutan Island Subsection	10,000	
	Akun Island Subsection	10,000	
	5,600		
	9,400		
	TOTAL	35,000	Pounds
Unalaska Section			
	Unalaska Bay/ Wislow Subsection	3,000	
	Cape Kalekta/Unalga Island Subsection	3,600	
	West Unalaska Subsection	12,850	
	South Unalaska Subsection	12,300	
	Beaver Inlet/Sedanka Island Subsection	3,250	
	TOTAL	35,000	Pounds
Western Section	(no subsections)	20,000	Pounds

Trip Limits

There are no trip limits in the Aleutian Islands black rockfish fishery.

Closed Waters Within the Aleutian Islands

State waters south of Akutan Island between 165° 41′ and 165° 46′ W longitude (the south end of Green Bight to Talus Point) are closed to the retention of black rockfish pending future stock assessment, due to concerns of localized depletion. Additionally, closures exist around Steller sea lion *E. jubatus* rookeries in the Aleutian Islands. Information on sea lion closures can be found on the NMFS website:

http://www.fakr.noaa.gov/sustainablefisheries/2003hrvstspecssl.htm.

The waters of Makushin and Skan Bays between Cape Kovrizhka (53° 50.67′ N lat.; 167° 09′ W long.) and Spray Cape (53° 36.83′ N lat.; 167° 09.33′ W long.) are closed to all commercial fishing effective at 12:01 AM on January 1, 2005 due to the MV Selendang Ayu oil spill in December of 2004.

Landing Requirements for the Aleutian Islands

Following the closure of any directed fishery in the Western District of the South Alaska Peninsula Registration Area, a vessel participating in that fishery may not have that species of groundfish onboard after 48 hours. There two are exceptions. The first is if the species has been designated as bycatch in another directed fishery and the amount onboard is within the specified limit. The second is if the vessel has been delayed due to extraordinary circumstances beyond the control of the vessel operator and has contacted a local representative of the department within 48 hours following the closure of the season and has been granted additional time to reach the port of landing. Under the latter scenario, the vessel must have immediately departed the fishing grounds at the time of the closure.

In the Aleutian Islands District of the Bering Sea-Aleutian Islands Registration Area there are no landing requirements for black rockfish.

TABLES AND FIGURES

Table 1.—Catch and effort in the Kodiak Registration Area black rockfish fisheries, 1990-2004.

Year	Vessels	Landings	Directed GHL	Total Harvest	Price per pound
1990	12	NA	NA	66,703	\$0.22
1991	58	NA	NA	868,560	\$0.29
1992	45	NA	NA	487,251	\$0.25
1993	18	NA	NA	107,831	\$0.22
1994	19	NA	NA	128,508	\$0.25
1995	41	NA	NA	315,682	\$0.36
1996	52	NA	NA	312,035	\$0.32
1997	65	NA	NA	224,050	\$0.27
1998	74	277	190,000	200,193	\$0.32
1999	92	320	185,000	135,601	\$0.40
2000	95	346	185,000	256,267	\$0.41
2001	55	236	185,000	225,877	\$0.40
2002	26	121	185,000	204,565	\$0.43
2003	50	108	185,000	85,387	\$0.36
2004	45	166	185,000	123,754	\$0.33

NA = Not Available

Table 2.—Catch and effort in the Chignik Registration Area black rockfish fisheries, 1990-2004.

Year	Vessels	Landings	Directed GHL	Total Harvest	Average Price per pound
1990	0	0	NA	0	NA
1991	0	0	NA	0	NA
1992	0	0	NA	0	NA
1993	4	NA	NA	312	\$0.26
1994	0	0	NA	0	NA
1995	12	NA	NA	28,665	NA
1996	12	NA	NA	201,825	NA
1997	10	NA	NA	80,742	NA
1998	15	30	100,000	87,774	\$0.23
1999	15	41	100,000	11,437	\$0.25
2000	13	24	100,000	95,747	\$0.41
2001	14	35	100,000	102,904	\$0.35
2002	7	13	100,000	81,043	\$0.41
2003	15	46	100,000	46,952	\$0.39
2004	15	36	100,000	99,261	\$0.27

NA = Not Available

Table 3.—Catch and effort in the South Alaska Peninsula Registration Area, Eastern District black rockfish fisheries, 1990-2004.

Year	Vessels	Landings	Directed GHL	Total Harvest	Average Price per pound
1990	a	NA	NA	a	NA
1991	6 ^a	NA	NA	145 ^a	NA
1992	0	0	NA	0	NA
1993	b	NA	NA	b	NA
1994	b	NA	NA	2118 ^b	NA
1995	14	NA	NA	120,947	NA
1996	26	NA	NA	164,051	NA
1997	15	NA	NA	110,912	NA
1998	18	277	100,000	90,135	\$0.23
1999	23	320	100,000	55,441	\$0.37
2000	27	346	100,000	94,882	\$0.35
2001	32	85	100,000	101,636	\$0.35
2002	9	29	100,000	102,939	\$0.32
2003	10	12	100,000	8,926	\$0.24
2004	25	41	100,000	9,222	\$0.27

a South Alaska Peninsula data from 1990 and 1991 combined to maintain confidentiality.

NA = Not Available

^b South Alaska Peninsula data from 1993 and 1994 combined to maintain confidentiality.

Table 4.—Aleutian Islands Registration Area state-waters black rockfish fishery harvest statistics and economic performance, 1994-2004.

	Guideline Harvest	Number of			Average Exvessel	Fishery		
Year	Level ^a	Vessels	Deliveries	Harvest ^a	Value ^b	Value		
1994 ^c	100,000		NO C	COMMERCIAL F	HARVEST			
1995 ^c	100,000			CONFIDENTI	AL			
1996 ^c	100,000	CONFIDENTIAL						
1997 ^c	100,000	3	18	102,746	\$0.34	\$35,000		
1998 ^d	100,000			CONFIDENTI	AL			
1999 ^{de}	90,000	8	41	20,889	\$0.35	\$7,200		
2000^{d}	90,000	CONFIDENTIAL						
2001 ^d	90,000	CONFIDENTIAL						
2002^{d}	90,000	CONFIDENTIAL						
2003^{d}	90,000	CONFIDENTIAL						
2004 ^d	90,000	15	33	2,801	\$0.19	\$530		

^aIn whole pounds.

^bPer pound whole weight.

^cTotals include black and dusky rockfish. In the early years of the fishery, dusky rockfish may have been misidentified as black rockfish; therefore harvest totals include both species.

^dBlack rockfish only.

^eEight pounds were harvested from the EEZ.

Table 5.—Black rockfish GHLs, harvest and closure dates, 2001-2004.

		2001		-		2002	
Kodiak Area	GHL	Total Harvest	Closure Date	_	GHL	Total Harvest	Closure Date
Afognak	35,000	33,168	20-Mar		35,000	53,886	16-Apr
Northeast	20,000	23,889	23-Feb		20,000	37,957	2-Apr
Eastside	30,000	42,970	6-Mar		30,000	34,839	21-Mar
Southeast	30,000	56,165	19-Mar		30,000	29,122	2-Apr
Southwest	20,000	12,001	29-Mar		20,000	21,516	7-Jun
Westside	30,000	28,504	30-Jul		30,000	20,598	31-Dec
Mainland	20,000	29,180	22-May		20,000	4,778	31-Dec
Total, Kodiak	185,000	225,877			185,000	202,696	
Chignik Area	100,000	102,904	5-Jun		100,000	85,015	19-May
S. AK. Pen Area	100,000	105,894	7-Jun		100,000	113,574	15-Jun

2003					2004			
Kodiak Area	GHL	Total Harvest	Closure Date		GHL	Total Harvest	Closure Date	
Afognak	35,000	24,445	31-Dec		35,000	38,018	24-Jun	
Northeast	20,000	24,612	16-May		20,000	22,678	29-Jun	
Eastside	30,000	21,369	31-Dec		30,000	30,992	10-Jul	
Southeast	30,000	14,680	31-Dec		20,000	32,018	31-Aug	
Southwest	20,000	44	31-Dec		20,000	758	31-Dec	
Westside	20,000	23	31-Dec		20,000	0	31-Dec	
Mainland	20,000	29	31-Dec		20,000	54	31-Dec	
Total, Kodiak	185,000	85,382			175,000	124,518		
Chignik Area								
Chignik Bay	max 45000	28,029	31-Dec		max 45000	31410	4-Aug	
Sutwik	max 45000	336	31-Dec		max 45000	22890	4-Aug	
Mitrofinia	max 45000	18,587	31-Dec		max 45000	44961	27-Jul	
Total, Chignik	100,000	46,952	31-Dec		100,000	99261		
S. Ak. Pen. Area	100,000	10,966	31-Dec		100,000	9367	31-Dec	

Table 6.-Summary of black rockfish regulations by registration area.

	Kodiak	Chignik	South Alaska Peninsula	Aleutian Islands
Opening date	January 1	January 1	January 1	January 1
Registration	Nonexclusive	Superexclusive	Nonexclusive	Nonexclusive
Trip Limits	5000 lbs. or 2500 lbs. if registered for incidental harvest	no no		no
Logbooks	mandatory	mandatory	mandatory	mandatory
CFEC Permit and gear types	M05B for hand troll or M26B for mechanical jig	M05B for hand troll or M26B for mechanical jig	M05B for hand troll or M26B for mechanical jig	M05B for hand troll or M26B for mechanical jig
Vessel Registration	mandatory	mandatory	mandatory	mandatory
number of jig machines	up to 5	up to 5	up to 5	up to 5
number of hooks	up to 30 per line or a single continuous line with 150 hooks no more than 250 hooks on the vessel	up to 30 per line or a single continuous line with 150 hooks	up to 30 per line or a single continuous line with 150 hooks	not specified in regulation

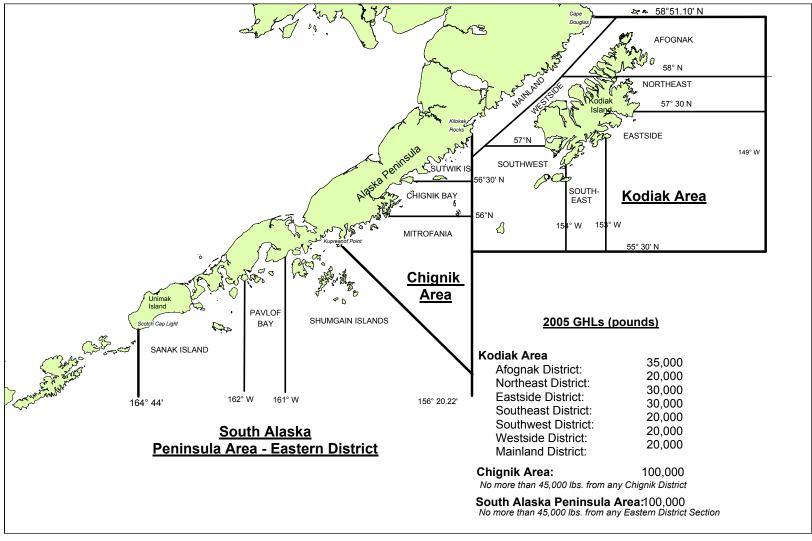


Figure 1.—Map of black rockfish registration areas and districts with GHLs.

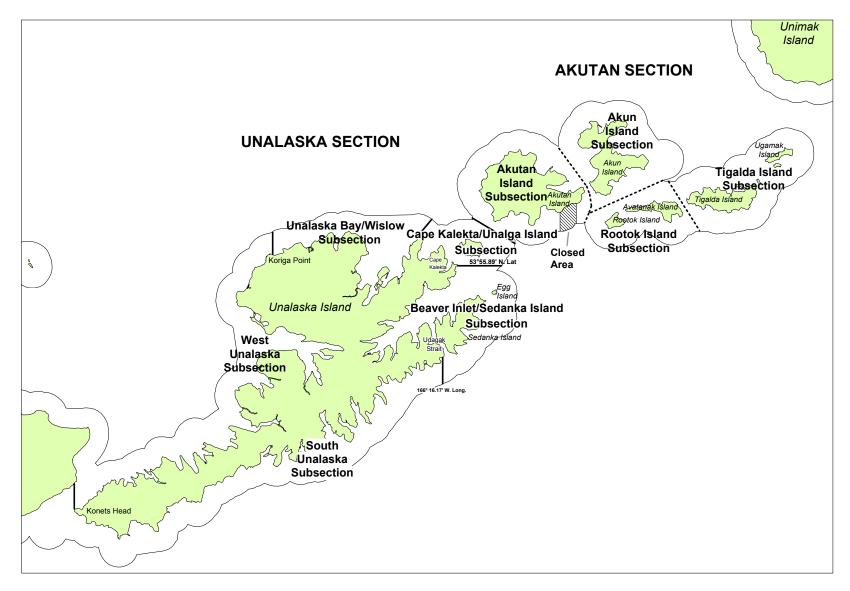


Figure 2.—Subsections of the Unalaska and Akutan Sections of the Aleutian Islands Registration Area state-waters black rockfish fishery.

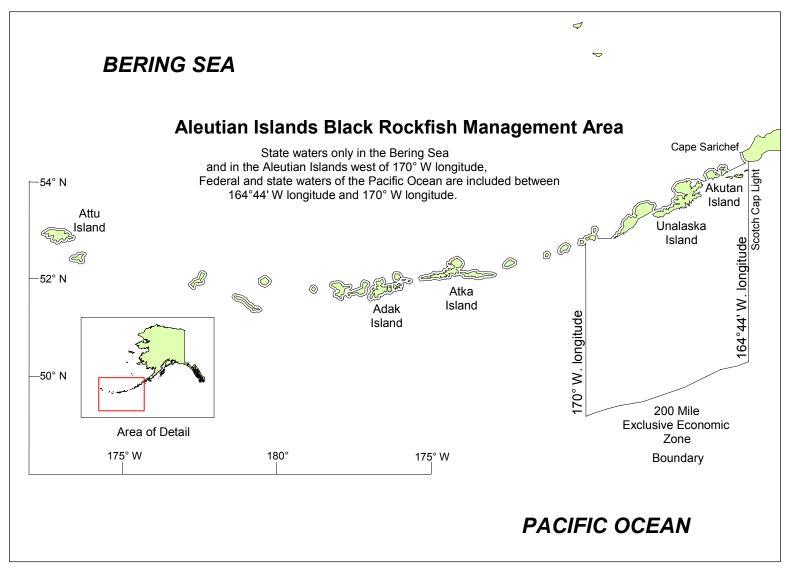


Figure 3.—The Aleutian Islands state-waters black rockfish management area.

APPENDIX A. EXAMPLE OF BLACK ROCKFISH AND PACIFIC COD LOGBOOK

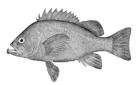
	OF ALASKA	AND DAGIELO O	CONFIDEN		FORM A	TION			DEPARTMEN		
ADF	G BLACK ROCKFISH	AND PACIFIC C	OD LOGB	OOK					Page		of
Vessel	Name	ADF&G Nun	nber				Captain	's Name		OFFICE USE	ONLY: FISH TICKET NUMB
Trip st	art date//	Delivery date	/	_/					Please fill out one l		-1 C-1 1
Trip er	nd date/	Cannery/ Pro-	cessor delive	red to				_	Fill out one logbook	,	,
	nd date// Fishing Location: Latitude/Lo	ongitude (preferred)	Ave. Depth		No. of f		:	Total No.		nes	No. of Jig
Date	or Specific Geographical loc	ation reference	(fathoms)	Black RF	Dark Dusky	Light Dusky	P. cod	of Hooks	Start/ stop time	Total Hours	machines
Comm	ents:						Rycatel	n/Discards	: (please list number	or nound	(5)
Comm	citts.						-	ockfish			
							Dark Di	usky RF			
								usky RF			
Rockfish	n sizes for trip (percent) < 14" (Small)% 14-21" (Ave	CONFIDEN			TION	P. cod_				

APPENDIX B. EXAMPLE OF KODIAK AND EASTERN DISTRICT OF THE SOUTH ALASKA PENINSULA NONEXCLUSIVE BLACK ROCKFISH REGISTRATION

Appendix B1.—Example of Kodiak and Eastern District of the South Alaska Peninsula nonexclusive black rockfish registration.



VALID FOR BLACK ROCKFISH ONLY



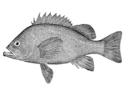
ALASKA DEPARTMENT OF FISH AND GAMI Division of Commercial Fisheries Nonexclusive Area Registration BLACK ROCKFISH FISHERY

VESSEL NAME		ADF&G#		
REGISTERED LENGTH	NET TONS	H.P		
OPERATOR				
MAILING ADDRESS				
CITY/STATE	ZIP CODE			
INTERIM USE PERMIT #		NO HC MACHINES		
OTHER SPECIES				
REGISTRATION AREA	KODIAK AREA OR	SOUTH ALASKA PENINSULACIRCLE ONE ONLY)		
REGISTRATION YEAR	EFFECTIVE DATE			
that species; (2) to engage in fishing for a spregistration areas that are sures. (3) to engage in fishing for a spressel is validly registered to engage in fishing for a spread to engage in fishing for a sprea	pecies of groundfish only in a regular pecies for groundfish only in districts; pecies of groundfish only if the sector that species is open; pecies of groundfish in a registrate that species in the registration are ments of 5 AAC 39.130; and to come the sector of groundfish in a registration are ments of 5 AAC 39.130; and to come the sector of groundfish in a registration are ments of 5 AAC 39.130; and to come the sector of groundfish in a registration are ments of 5 AAC 39.130; and to come the sector of groundfish only in a registration are sector of groundfish only in a registration are sector of groundfish only in a registration of groundfish only in a registration of groundfish only in a registration of groundfish only in districts; and the sector of groundfish only in districts; and the sector of groundfish only in the sector of groundfish	omply with all other applicable regulations.		
Department Representative		Signature of Operator/Authorized Agent		
Date and Location of Issue		Printed Name Authorized Agent		
Database Entry				
V:/Lori_Ryser/Forms/Rockfish/Registra	ition			

APPENDIX C. EXAMPLE OF A CHIGNIK REGISTRATION AREA SUPEREXCLUSIVE BLACK ROCKFISH REGISTRATION



VALID FOR CHIGNIK AREA BLACK ROCKFISH ONLY



ALASKA DEPARTMENT OF FISH AND GAME **Division of Commercial Fisheries** Chignik Superexclusive Area Registration

	BLACK ROCKFISH	FISHERY		
VESSEL NAME	MEADF&G#			
REGISTERED LENGTH	NET TONS	H.P		
OPERATOR		_		
MAILING ADDRESS				
CITY/STATE	ZI	P CODE		
INTERIM USE PERMIT#		NO. JIG MACHINES		
OTHER SPECIES				
REGISTRATION AREA	CHIGNIK AREA ONLY			
REGISTRATION YEAR	EFFECTIVE DATE			
In return for receiving from the State of Alaska the jurisdiction of the state, the undersigned agrees: (1) to engage in fishing for a species of groundf that species; (2) to engage in fishing for a species for ground registration areas that are subdivided into die (3) to engage in fishing for a species of groundf vessel is validly registered for that species is (4) to engage in fishing for a species of groundf partial closures) governing that species in the (5) to comply with the requirements of 5 AAC. The undersigned further agrees that the above agrees that the above agrees that the species is the complex of the species of groundf partial closures.	fish only in a registration area for fish only in districts where the sestricts; ish only if the season for that spectopen; ish in a registration area in comple e registration area; 39.130; and to comply with all other ement shall have the force of registration area.	which the vessel is validly registered for ason is open for that species in cies in the registration area for which the liance with all regulations (including ther applicable regulations.		
Department Representative	Signatur	e of Operator/Authorized Agent		
Date and Location of Issue	Prin	ted Name Authorized Agent		
Database Entry				
V:/Lori_Ryser/Forms/Rockfish/Registration				

APPENDIX D. EXAMPLE OF THE ALEUTIAN ISLANDS NONEXCLUSIVE BLACK ROCKFISH REGISTRATION.



ALEUTIAN ISLANDS STATE-WATERS BLACK ROCKFISH PERMIT REGISTRATION YEAR 2005



DPERATOR	
JI Elettor	
ADDRESS	
CITY, STATE	ZIP CODE
CFEC PERMIT CARD#	VESSEL CALL SIGN
GEAR TYPE(S): Jig and handlines are the only legal gear types.	Jig Handline
TYPE OF OPERATION (Check only one): [] Catcher-only	[] Catcher-seller [] Catcher-processor
DURATION OF REGISTRATION: Starting Date (mm/dd/yy) Expiration date may be superceded by emergency order]	Expiration Date (mm/dd/yy)
EXTENDED BY METHOD	EXTENDED TO
AGREEMENT FOR USE PR	RIVILEDGE
 Area of registration: All state waters of the Aleutian Islands District of t of the South Alaska Peninsula. 	he Bering Sea-Aleutian Islands Area and Western District
2. All vessels must register with the Dutch Harbor office prior to fishing.	
3. Each vessel operator shall obtain and complete a logbook provided by the Return logbooks to the Dutch Harbor office after each landing.	he department for the black rockfish fishery.
4. Conditions of this permit may be modified or voided by the Alaska Dep	artment of Fish and Game.
This permit must be in possession during all fishing operations. Permit	not valid for other groundfish fisheries.